

Receiving Report

Date: 14-11-20

Batch No: 130928

Supplier: AVIAH

Dart P/O: 26540

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC18 Inspection ☐ N/A ☒
 Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

Production/Admin:

Date: _____
 Received/Costing: _____
 Initial: _____

Location



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO26540**

Purchase Order Date 11/17/2014

PO Print Date 11/17/2014

Page Number 1 of 3

Order From : _____

VU-AVI003

Ship To : DART AEROSPACE LTD

AVIALL
PO BOX 842275

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

DALLAS, TX 75284-2275
USA

FAXED

Contact Name

Vendor Phone

905-676-1695

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

EXW - (Ex Works)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	MS24694-S51	Screw	11/19/2014 Yes 11/19/2014	FN	400.00 Each	\$0.13	\$52.00
Line Total:							\$52.00
2	MS24694-S54	SCREW	11/19/2014 Yes 11/19/2014		100.00 Each	\$0.13	\$13.00
Line Total:							\$13.00
3	AN924-6J	NUT	11/19/2014 Yes 11/19/2014		12.00 Each	\$3.73	\$44.76

SP 14-11-20

PO Instructions: Fedex Acc#151793240

Note:

11/17/2014

PAGE 1 of 3



A BOEING COMPANY

Commercial Invoice

AVIAL SERVICES INC
2750 REGENT BLVD
DFW AIRPORT TX 75261
USA

Government Transaction Number	NOEEI FTR 30.36
Delivery Number	8001140875
Tracking Number	Commercial Invoice Number 7140222232
Incoterms	Ship Date
EXW Shipping Point	18 November, 2014

Sold To DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003952	Ultimate Consignee DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003952	Ship To DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003952	Freight Forwarder FEDEX FEDEX NATIONAL LTL INC PO BOX 94515 PALATINE IL 60094-4515 USA	400010
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Comments:

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Value USD	Extended Value USD
10	MS24694S51 - SCREW: CSK,FLT HD,MACHINE,ST Schedule B: 7318159000 Export Classification: 9A991.d Authorization: NLRAT_NOV_2014 Sales Order: 1000785345 PO: 26540	US	400	EA	0.13	50.40
20	MS24694S54 - SCREW: CSK,FLT HD,MACHINE,ST Schedule B: 7318159000 Export Classification: 9A991.d Authorization: NLRAT_NOV_2014 Sales Order: 1000785345 PO: 26540	US	100	EA	0.13	13.40
30	AN924-6J - NUT: BULKHEAD,SS Schedule B: 7318160000 Export Classification: 9A991.d Authorization: NLRAT_NOV_2014 Sales Order: 1000785345 PO: 26540	US	12	EA	3.73	44.76
40	AN526-1032R16 - SCREW: PAN HD,MACHINE,ST Schedule B: 7318159000 Export Classification: EAR99 Authorization: NLRAT_NOV_2014 Sales Order: 1000785345 PO: 26540	US	100	EA	0.13	13.30
50	AS5406D06 - UNION: Schedule B: 7307929000 Export Classification: 9A991.d Authorization: NLRAT_NOV_2014 Sales Order: 1000785345 PO: 26540	US	6	EA	12.21	73.26
60	PS890B2-60Z - SEALANT: FUEL TANK,A/B,60Z Schedule B: 3214100020 Export Classification: EAR99 Authorization: NLRAT_NOV_2014 Sales Order: 1000785345 PO: 26540	US	6	EA	35.00	210.00



A BOEING COMPANY

Commercial Invoice

Delivery Number	Commercial Invoice Number
8001140875	7140222232

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Price USD	Extended Value USD
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Gross Value	405.12
Add on Charges	0.00
Tax Value	0.00
Freight Charges	0.00
Total Net Value	405.12

**FOR CUSTOMS PURPOSES ONLY
NOT A BILLING INVOICE**

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US laws is prohibited.

28-10-23-01-07-00 173

NUT: BULKHEAD,SS

11/18/2014

CU10003952 DART AEROSPACE LTD

10:05:49

5 EA

310001561726

N

EX-

APPROVAL TYPE,STD

OUTB

ID 1000000007159920



30

Line Number

C Group - 0000719273

ECC Doc # 1000785345



STDOD

BATCH 0114608993



HU: 100001377650



CPO 26540



PNR AN924-6J=28



SHQ 5



UNT EA



INTEGRITY

11/18/2014

**ETA Global Inc.**P.O. BOX 259
PALESTINE, TX 75802-0259PH: (903)729-3131
Quality FAX: (903)729-1217
www.etaglobal.com**Packing Slip**

318755-000

Page 1 of 1

Ship Date:

ISO9001:2008
AS9120:2002
Certificate NO. C0023281

Sold to: 8418 Ship to:

AVIALL SERVICES (CONTRACT)
ATTN: ACCOUNTS PAYABLE
PO BOX 619048
DALLAS, TX 75261
UNITED STATESAVIALL SERVICES (CONTRACT)
2750 REGENT BLVD
DFW AIRPORT, TX 75261
UNITED STATES

Customer P.O.		Department	Message		
2270590		500	FEDEX 0752-6857-2		
Payment terms		Salesper 2	B P	Ship via	Freight terms
1%10NET30		#####	Y Y	Fed X grnd	COLLECT
Ln	Ship Quantity	UOM	Item / Description		

0001 200 EACH AN924-6J

Control #: 47323403-01-01 200
Mfg Lot #: F00025853-02329
Country of origin: USA

PO 2270590



LOT AV0114608993



LGLENN

1/23/14

ETA certifies the products furnished on the above referenced order have been manufactured in accordance with all applicable part numbers, specifications, and descriptions. This statement is supported by a Certificate of Conformance and/or Chemical/Physical report of raw material on file at ETA or place of manufacture/supply subject to examination with proper notice (additional costs may be incurred.)

Quality Control Authority

Angela Coleman

Date: 1/22/14

ETA
#16

IMPORTANT NOTICE: LIMITATION OF REMEDIES: If this product is proved to be defective, the exclusive remedy available and ETA's only obligation shall be to replace such quantity of this product which is proved to be defective or to refund the purchase price paid for this product. ALL CLAIMS FOR DEFECTIVE MATERIAL ARE WAIVED UNLESS MADE IN WRITING WITHIN 30 DAYS FROM THE DATE OF SHIPMENT.
LIMITATION OF LIABILITIES: ETA shall not be liable for any damages, including incidental and/or consequential damage, regardless of the legal theory asserted, including negligence and/or strict liability.
Before using, User shall determine the suitability of the product for intended use. User assumes all risk and liability whatsoever in connection therewith. CHECK CAREFULLY - Reference must be made to our delivery receipt register number when making claims or request for adjustment. ALL RETURNS SUBJECT TO APPROVAL OF SELLER TO RETURN.
The foregoing limitation of remedies and liabilities may not be altered unless in writing signed by the President of ETA GLOBAL, INC.

Distribution/Manufacturing software provided by Rennie, Lindsey and Associates, Inc.

01-22-14 08:57 AM

Mention promo code 004189 at www.fia-assist.com/promo.html

AVIALL - TRUE CERTIFIED COPY - 11/18/2014 - KLAMPKIN - 0114608993

PERMASWAGE

PERMASWAGE - Nelson Aerospace
A Designed Metal Connections, Inc. Company
10310 Norris Avenue
Pacoima, CA 91331
Ph: 818-686-0900
Fax: 818-686-0181

Pack Slip: 43362

43362

Sales Order: 25113

25113-1-1

Page: 1 of 2

**Customer
Packing Slip**

Ship To:

ETA GLOBAL INC.
5500 WEST OAK ST
PALESTINE TX 75801
USA

Verify AES requirements prior to shipment.

Fax: 903-723-2750

Sold To:

ETA GLOBAL, INC.
PO DRAWER 259
PALESTINE TX 75802-0259
USA

Verify AES requirements prior to shipment.

Fax: 903-723-2750

Ship Date: 3/26/2013

Ship Via: UPS GRD COLLECT

F.O.B.: EX WORKS

Cust P.O.: 473234

Salesperson: ED BORREGO

PO Line	Planned Qty	Shipped Qty	Part Number Description	Rev	Lot Number
UPS COLLECT # 757-517					
	800	800	AN924-6J NUT	11	F00025853-20329

Sale Order / Line / Release: 25113 / 1 / 1

Customer PO Number: 473234

Certificates Required:

Standard Certification: No
Full Certifications: Yes

First Article Inspection: No
Chemical/Physical: No

Material Certificate: No
FAIR per AS9102: No

Product is compliant to DFAR 252.225-7009

200	181	4.00	AN929-5J CAP ASSEMBLY	12	F00026019
Sale Order / Line / Release: 25113 / 2 / 1			Customer PO Number: 473234		

Certificates Required:

Standard Certification: No
Full Certifications: Yes

First Article Inspection: No
Chemical/Physical: No

Material Certificate: No
FAIR per AS9102: No

Product is compliant to DFAR 252.225-7009

INSERT# F00024362-25263
NUT# F00024215-25008

200	15	4.00	AN929-5J CAP ASSEMBLY	12	F00024852
Sale Order / Line / Release: 25113 / 2 / 1			Customer PO Number: 473234		

Certificates Required:

Standard Certification: No
Full Certifications: Yes

First Article Inspection: No
Chemical/Physical: No

Material Certificate: No
FAIR per AS9102: No

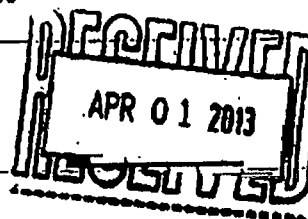
Product is compliant to DFAR 252.225-7009

INSERT# F00024362-25263
NUT# F00023326-23183

1 BOX 5 LBS 8X5X5
1 BOX 25 LBS 10X10X10



1910245619
ETA CTL# 47323403-01-01



PERMASWAGE

PERMASWAGE - Nelson Aerospace
A Designed Metal Connections, Inc. Company
10310 Norris Avenue
Pacoima, CA 91331
Ph: 818-686-0900
Fax: 818-686-0181

Pack Slip: 43362

43362

Sales Order: 25113

25113-2-1

Page: 2 of 2

**Customer
Packing Slip**

PO Line	Planned Qty	Shipped Qty	Back Order Qty	Part Number Description	Rev	Lot Number
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1910245619

ETA CTL#:47323403-01-01

AN, MS, AS, NAS and other industry standard parts controlled by ECCN 9A991 and HTS 8803.30.00.00

Products listed have not been exposed to mercury or mercury compounds during the manufacturing process.

!! MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY PERMASWAGE -NELSON AEROSPACE SALES @ 818-686-0900 !!

WE HERBY CERTIFY THAT ALL PROVISIONS OF THE FAIR LABOR STANDARDS ACT ON 675/83 AS AMENDED HAVE BEEN FULLY COMPLIED WITH IN THE MANUFACTURE, PRODUCTION OR PURCHASE OF GOODS LISTED HEREON. ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE. ALL PAST DUE ACCOUNTS SHALL BEAR INTEREST AT THE RATE OF 1 1/2% PER MONTH (18% PER ANNUM)

Certification of Conformance

NELSON AEROSPACE WARRANTS THAT THE ITEMS OF THIS SHIPPER WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM, ACCOMPANYING THE ITEMS OF THIS INVOICE, ARE IN CONFORMITY WITH CONTRACT REQUIREMENTS AND SPECIFICATIONS, GOVERNMENT OR OTHERWISE. NELSON AEROSPACE DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF THE FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF NELSON AEROSPACE IS EXPRESSLY LIMITED TO REPLACEMENT OF ANY ITEM WHICH IS REJECTED BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP. SUCH REPLACEMENT SHALL CONSTITUTE SATISFACTION OF ALL LIABILITY NELSON AEROSPACE MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE OR OTHERWISE, AND IN NO EVENT SHALL NELSON AEROSPACE BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, NELSON AEROSPACE MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

Country of Origin: MADE IN THE USA

BY RECEIVING DELIVERY OF THE GOODS COVERED BY THIS PACKING SLIP, BUYER EXPRESSLY ASSENTS TO THE TERMS AND CONDITIONS SET FORTH


Manager of Quality Assurance or Designee

49-08-11-08-02-00 125

SCREW: PAN HD,MACHINE,ST

11/18/2014

CU10003952 DART AEROSPACE LTD

10:05:49

100 EA

310001561726

N

EX-

APPROVAL TYPE,STD

OUTB

ID 1000000007159912

40

Line Number

TU# 1000269988

ECC Doc # 1000785345

STDOD

BATCH 7363718322

HU: 100001375470

CPO 26540

PNR AN526-1032R16=28

SHQ 100

UNT EA

INJECT

11/18/2014

SHIP TO

FROM:
BILD INDUSTRIES, INC.
800 CLEARWATER LOOP
POST FALLS, ID 83854

AVIALL SERVICES, INC.
AVIALL CENTRAL WAREHOUSE
2750 RECENT BOULEVARD
NEW AIRPORT TX 75261

SHIP TO

FROM:
BILD INDUSTRIES, INC.
800 CLEARWATER LOOP
POST FALLS, ID 83854

AVIALL SERVICES, INC.
AVIALL CENTRAL WAREHOUSE
2750 RECENT BOULEVARD
NEW AIRPORT TX 75261

SHIP TO

FROM:
BILD INDUSTRIES, INC.
800 CLEARWATER LOOP
POST FALLS, ID 83854

AVIALL SERVICES, INC.
AVIALL CENTRAL WAREHOUSE
2750 RECENT BOULEVARD
NEW AIRPORT TX 75261

CUSTOMER BILL TO ADDRESS	COMPLETE CUSTOMER PO NO.	BILL TO NO.	SHIP TO NO.	PAGE	PACKING SLIP
AVIALL SERVICES, INC. ATTN: RP DEPT. P.O. BOX 419048 DALLAS TX 75261-9048	4004503036		AST007	1	INSPECT IMMEDIATELY
	BUYER NAME & PHONE NO.				

LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
1		2000	2000	82009/80361	4004503036	AST007	SCREEN 8x22-28
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
							FILL NOW
2		1	1	3/2 MANUFACTURE CERT	4004503036	AST007	CERTIFICATION
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
				U.S.A	4004503036	AST007	
3		1	1	COUNTRY OF ORIGIN	4004503036	AST007	
LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION

CERTIFICATION OF CONFORMANCE WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE WITH AN-MB-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.		DATE MAY 14 2014	QUALITY CONTROL MANAGER
TOTAL WT NO CTNS	P = PARTIAL C = COMPLETE CC = CONSIDER COMPLETE CX = CANCEL	CAGE CODE 31222	DATE SHIPPED SHIPPED VIA CV

DLOGAN
06/02/14

ITEM AN526-1032R16-28

BATCH 7363718322

Nº 80361

CERTIFICATE OF COMPLIANCE TEST REPORT

FORM REV A 11/09

MADE IN THE U.S.A.

CUSTOMER NAME BILD INDUSTRIES

PART NO. AN528-1032R16 REV 6

PURCHASE ORDER NO. 82000

INTERNAL ROUTING NO. 32894

QUANTITY EIGHTEEN THOUSAND SEVEN HUNDRED

MATERIAL/SPECIFICATION 176 C1018 TRU SPEC I-W31499

DATE 6/18/2013

PARTS CONTAINED IN THIS SHIPMENT HAVE BEEN MANUFACTURED AND INSPECTED IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SPECIFICATIONS.

PHYSICAL PROPERTIES

TENSILE STRENGTH HARDNESS SCALE

- | | |
|----------------|----|
| 1) 1443.0 LB T | 1) |
| 2) 1431.0 LB T | 2) |
| 3) 1439.0 LB T | 3) |
| 4) 1420.0 LB T | 4) |
| 5) 1433.0 LB T | 5) |
| 6) | 6) |
| 7) | 7) |
| 8) | 8) |

CONFORMS TO THE PROCUREMENT SPECIFICATIONS OF:

FF-S-92B

OTHER MECHANICAL TEST DATA

- ☐ MEET MAGNETIC PERMEABILITY REQUIREMENTS OF FF-S-92B, MIL-I-17214B, AND ASTM A342/A 342M TEST METHOD 3.

PARTS ARE FREE FROM MERCURY AND ASBESTOS CONTAMINATION.
VISUAL AND DIMENSIONAL INSPECTION SATISFACTORY

FINISH

CAD TYPE I CLASS 3 PER AMS QQ-P-416 REV C

OTHER TESTING:

ADDITIONALLY, AN ANSI/ASQC Z 1.4 SAMPLE OF THE FINISHED FASTENERS WERE TESTED IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS. SAMPLE PARTS AND THE TEST DATA ARE IN OUR RECORDS RETENTION AREA AS OBJECTIVE EVIDENCE AND WILL BE HELD AS REQUIRED.

INSPECTED TO: ANSI/ASQ Z1.4 LEVEL 2

Signature

TRACEY NIKSA, QC TECH

CRESCENT MANUFACTURING OPERATING, CO.



Cage Code #63020

700 George Washington Turnpike, Burlington, CT 06013, U.S.A.
Telephone: (860) 673-2591 Fax: (860) 673-5973

28-13-10-03-01-00 39

SCREW: CSK,FLT HD,MACHINE,ST

11/18/2014

CU10003952 DART AEROSPACE LTD

10:05:49

400 EA

310001561726

N

EX-

APPROVAL TYPE,STD

OUTB

ID 1000000007159918



10

Line Number

C Group- 0000719273

ECC Doc # 1000785345



STDOD

BATCH 7363745310

HU: 100001376041



CPO 26540



PNR MS24694S51=28



SHQ 400



UNT EA



1-21-101

11/18/2014



CUST PO NO *0045050356 SO NO 488708
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP
 POST FALLS, ID 83854



CUST PO NO *0045050356 SO NO 488708
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP
 POST FALLS, ID 83854



CUST PO NO *0045050356 SO NO 488708
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP
 POST FALLS, ID 83854

SHIP TO

AVIALL SERVICES, INC.
 AVIALL CENTRAL WAREHOUSE
 2750 REGENT BOULEVARD
 DFW AIRPORT TX 75261

SHIP TO

AVIALL SERVICES, INC.
 AVIALL CENTRAL WAREHOUSE
 2750 REGENT BOULEVARD
 DFW AIRPORT TX 75261

SHIP TO

AVIALL SERVICES, INC.
 AVIALL CENTRAL WAREHOUSE
 2750 REGENT BOULEVARD
 DFW AIRPORT TX 75261

CUSTOMER BILL TO ADDRESS

AVIALL SERVICES, INC.
 ATTN. AP DEPT.
 P.O. BOX 619048
 DALLAS TX 752419048

COMPLETE CUSTOMER PO NO.

*0045050356

BUYER NAME & PHONE NO.

EDI

BILL TO NO.

SHIP TO NO.

PAGE

ASI007

PACKING SLIP

INSPECT IMMEDIATELY

LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
1	A	50000	50000	MS24694S51 / 83068/5342	*0045050356	ASI007	SCREW BX 4-40 BX 5-6-41
							100 PER 408
2		1	1	S/C MANUFACTURE CERT	*0045050356	ASI007	CERTIFICATION
3		1	1	COUNTRY OF ORIGIN	*0045050356	ASI007	

ITEM MS24694S51=28



BATCH 7363745310



SPHOMVILAY
 07/02/14

Thank you for our order

CERTIFICATION OF CONFORMANCE
 WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE
 WITH AN-MS-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.

CAGE CODE 31222

DATE

JUL 20 2014

QUALITY CONTROL MANAGER

Mark R. Spencer

DATE SHIPPED

SHIPPED VIA

CV

SIGNATURE: MERCHANDISE RECEIVED

X

TOTAL WT NO CTNS
 P - PARTIAL
 C - COMPLETE
 CC - CONSIDER COMPLETE
 CX - CANCEL

AVIALL - TRUE COPY SENT TO BILLY HARRIS 7/20/14

MAC FASTENERS, INC. - RIVER VALLEY PLANT
260 AIRPORT INDUSTRIAL RD
PARIS, AR 72855

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: BILD INDUSTRIES

PO: 83068

PART NUMBER: MS24694-S51

REV: 2

LOT NUMBER: 5342

MANUFACTURED QUANTITY: 160,000

MILL HEAT NUMBER: 8195022

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

MERCURY FREE CERTIFICATION

MacFasteners certifies that the parts referenced in the above lot number
do not contain Mercury or Mercury compounds, and were
manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC
FASTENERS within the United States, and were processed in accordance with all applicable drawings and
specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners - River Valley Plant is an AS9100C Registered Company- SAI GLOBAL - 0077991
Mac Fasteners - River Valley Plant is a DISC QSLM approved Manufacturer - CAGE Code 3K1M6

DATE: 04/14/14


QUALITY ASSURANCE REPRESENTATIVE

28-11-24-03-01-00 173

UNION:

11/18/2014

CU10003952 DART AEROSPACE LTD

10:05:49

6 EA

310001561726

N

EX -

APPROVAL TYPE, STD

OUTB

ID 1000000007159913



50

Line Number

C Group - 0000719273

ECC Doc # 1000785345

STDOD



BATCH 0213509441

HU: 100001377650



CPO 26540



PNR AS5406D06=28



SHQ 6



UNT EA



INTEGRITY

11/18/2014



PACKING SLIP

Aero-Glen International, LLC

1702 Minters Chapel Ste 116
Grapevine TX, 76051

Tel: 817-328-6600

Fax: 817-328-6607

aeroglen@aeroglen.com

CAGE CODE 9V172

Registered
AS9120 / ISO 9001
PRI# 10-1346T

Print Date : Feb-19-2013 10:41:49 AM

Printed By : GL Print No. : 2

PO 1965410



LOT AV0213509441



EGEE

2/20/13

No. 046318

Pg:1 of 1

For : Account No. [AVIALL-DALLA]

AVIALL
Attn: JERREA
2700 Regent Blvd
DFW Airport, TX 75261
UNITED STATES
Tel.: 972-586-1994

S.O. No. : 032786	Our Ref :	Domestic AWB :
Cust P.O. : 1965410	Your Ref :	Int'l AWB :
Picked On : Nov-05-2012	Spec Inst : 2 PER PKG	Origin :
Shipped On :	Contract :	Transport :
Ship Via : DROP OFF	Lic No. :	Nationality:
F.O.B. : DESTINATION	Expires :	Trip/Flight:
Terms : NET-30		
Our Contact : MERLE LANGTON		

Line	P/N & Description	Cnd	Ordered	Qty Shipped	Back Order	Packaging
1	AS5406D06 UNION UID: 138901 Rev: C Note: MFG CC REQ LOT #: 48672 REV: C MFG: B&E	DFN	200.00	200.00 EA	0.00	
UNLESS NOTED ON THE FACE HEREOF, ANY AND ALL MATERIALS/PARTS SUPPLIED ON THIS S.O./P.O. MAY NOT BE DFARS 252.22-7014 ALT. 1 COMPLIANT. AERO-GLEN, INTL., GRAPEVINE, TX., USA, WILL NOT BE HELD IN VIOLATION OF THE DFARS/SPECIALTY MATERIAL REQUIREMENT. THE COMMODITIES SOLD BY AERO-GLEN, INTL., MUST BE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH ALL U.S. EXPORT LAWS. ANY DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.						



Certificate of Conformance

Aero-Glen International, LLC

1702 Minters Chapel Ste 116

Grapevine TX, 76051

Tel: 817-328-6600

Fax: 817-328-6607

aeroglen@aeroglen.com

CAGE CODE 9V172

Registered
AS9120 / ISO 9001
PRI# 10-1346T

Print Date : Feb-19-2013 10:41:56 AM

Printed By : GL Print No. : 3

No. : 046318		Pg: 1
Sold To : Account No. [AVIALL-DALLA]		Shipped To :
AVIALL Attn: Email invoice to apinvoic@aviall.com, ACCOUNTS PAYABLE 2700 Regent Blvd DFW Airport, TX 75261 UNITED STATES Tel. : 972-586-1426		AVIALL CENTRAL WAREHOUSE Attn: RECEIVING DEPT. 2750 REGENT BOULEVARD DFW Airport, TX 75261 UNITED STATES Tel. : 972-586-1994
S.O. No. : 032786	Our Ref :	Domestic AWB :
Customer P.O. : 1965410	Your Ref :	Int'l AWB :
Issued Date : Nov-05-2012	Spec Inst : 2 PER PKG	Origin :
	Contract :	Transport :
Ship Via : DROP OFF	License No. :	Nationality :
F.O.B. : DESTINATION	Expires :	Trip/Flight :
Shipped Date :	Terms : NET 30	
Our Contact : MERLE LANGTON		

Line	P/N & Description	Cnd	Qty Ordered	Shipped	Unit Price	Amount
1	AS5406D06 UNION Pick Ticket / Packing Slip No. : 046318 UID#: 138901 Rev:C Note: MFG CC REQ LOT # :48672 REV:C MFG:B&E	DFN	200.00 EA	200.00 (Qty. Back 0.00)		

THIS IS TO CERTIFY THAT THE MATERIAL(S) FORWARDED TO YOU MEET ALL THE PQ, DRAWING, CHEMICAL AND PHYSICAL REQUIREMENTS AND ARE FREE OF ANY FOREIGN OBJECT DEBRIS. AERO-GLEN, INTL. DISCLAIMS ANY RESPONSIBILITY FOR ALL MANUFACTURING OR ANY FUNCTIONAL DEFECTS AND HEREBY LIMITS EXPRESSED OR IMPLIED WARRANTIES TO LIABILITY FOR THE COST OF REPLACING THE MATERIAL OR REFUNDING THE INVOICE VALUE OF MATERIAL, SO ACCEPTING DELIVERY OF THIS MATERIAL ACKNOWLEDGES AWARENESS OF SUCH LIMITATION OF LIABILITY. PRODUCTS HAVE NOT BEEN INTRODUCED TO MERCURY CONTAMINATION WHILE AT OUR FACILITY. THE COMMODITIES SOLD BY AERO-GLEN, INTL MUST BE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH U.S. EXPORT LAWS. ANY DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. ANY OR ALL MATERIALS/PARTS SUPPLIED ON THIS S.O./P.O. SHALL BE DFARS 252.225-7014 ALTERNATE 1 COMPLIANT AS NOTED ON A LINE ITEM BASIS.

TYSON KAY,

Copyright (c) PENTACON 2000 Software, Inc.

ORIGINAL (COPY.)

B&E Mfg Company

7562 Orangewood Ave Stanton Ca 90680

www.bandemfg.com sales@bandemfg.com

Tel 714-898-2269

Fax 714-897-9179



Manufacturing

B&E Mfg Company

Certificate of Compliance

Customer:	AERO-GLEN INTERNATIONAL, LLC
Sales Order No:	28827
Purchase Order No:	023669
Product:	AS5406D06
Lot No:	48672
Part Description :	UNION, BULKHEAD REV C
Quantity:	525

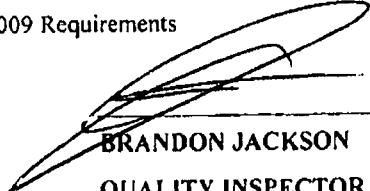
Assembly Parts (if Applicable):

Country of origin USA

B&E Mfg Co Certifies that the Product listed on this document were produced in accordance with all applicable customer and/or government drawings and specifications. The material used to fabricate the product were produced or purchased from qualified sources for which B&E Mfg co has Chemical & physical test reports or other evidence of conformance on file and is available for examination

Material meets DFAR Clause 252.225-7014 Alt 1 and DFAR 252.225-7009 Requirements

Nadcap



BRANDON JACKSON
QUALITY INSPECTOR

Thursday, October 18, 2012

48-23-07-08-02-00 67

NUT: BULKHEAD,SS

11/18/2014

10:05:49

CU10003952 DART AEROSPACE LTD

310001561726

7 EA

N

EX-

APPROVAL TYPE,STD

OUTB

ID 1000000007159921



30

Line Number

TU# 1000269988

ECC Doc # 1000785345



STDOD

BATCH 7363737936



HU: 100001375604



CPO 26540



PNR AN924-6J=28



SHQ 7



UNT EA



INTLCT

11/18/2014

**ETA Global Inc.**P.O. BOX 259
PALESTINE, TX 75802-0259PH: (903)729-3131
Quality FAX: (903)729-1217
www.etaglobal.com**Packing Slip**

323551-000

Page 1 of 1

Ship Date:

ISO9001:2008
AS9100 Rev C
Certificate NO. C0023281

Sold to: 8418

Ship to:

AVIALL SERVICES (CONTRACT)
ATTN: ACCOUNTS PAYABLE
PO BOX 619048
DALLAS, TX 75261
UNITED STATESAVIALL SERVICES (CONTRACT)
2750 REGENT BLVD
DFW AIRPORT, TX 75261
UNITED STATES

Customer P.O.	Department	Message
45047463	500	FEDEX 0752-6857-2
Payment terms	Salesper 2	B P Ship via Freight terms
1%10NET30	#####	Y Y Fed X grnd COLLECT

Ln	Ship Quantity	UOM	Item / Description
----	---------------	-----	--------------------

0010 300 EACH AN924-6J

Control #: 47323403-01-01 300
Mfg Lot #: F00025853-02329
MFG: PERMASWAGE - NELSON AEROSPACE
Country of origin: UNITED STATES

ITEM AN924-6J=28



BATCH 7363737936

BCHAPA
06/24/14

ETA Global, Inc. certifies the products furnished on the above referenced order were manufactured in accordance with all applicable part numbers, specifications and descriptions. This statement is supported by a certificate of conformance and/or test reports on file at our facility or the place of manufacture/supply. In addition, the product listed on this packing list meets all requirements of DFARS 252.225-7009 - Restriction on Acquisition of Certain Articles Containing Specialty Metals (formerly DFARS 252.225-7014 & Alt. I (Preference for Domestic Specialty Metal). Supporting documentation is available for review with proper notice (additional costs may be incurred).

Quality Control Authority

ETA
#16

Date: 6/23/14

IMPORTANT NOTICE: LIMITATION OF REMEDIES. If the product is proved to be defective, the exclusive remedy available to the customer shall be to replace such quantity of this product which is proved to be defective or to refund the purchase price paid for this product. ALL CLAIMS FOR DEFECTIVE MATERIAL ARE WAIVED UNLESS MADE IN WRITING WITHIN 30 DAYS FROM THE DATE OF SHIPMENT.

LIMITATION OF LIABILITIES. ETA shall not be liable for any damages, including incidental and/or consequential damages, regardless of the legal theory asserted, including negligence and/or strict liability. Before using, User shall determine the suitability of the product for intended use. User assumes all risk and liability whatsoever in connection therewith. CHECK CAREFULLY - Reference must be made to our delivery receipt register number when making claims or request for adjustment. ALL RETURNS SUBJECT TO APPROVAL OF SELLER TO RETURN.

The foregoing limitation of remedies and liabilities may not be altered unless in writing signed by the President of ETA GLOBAL, INC.
Distribution/Manufacturing software provided by Rennie, Lindsay and Associates, Inc.

06-23-14 09:59 AM
Mention promo code 004189 at www.rla-assist.com/promo.html

AVIALL - TRUE CERTIFIED COPY - 11/18/2014 - KLAMPKIN - 7363737936

PERMASWAGE

PERMASWAGE - Nelson Aerospace
A Designed Metal Connections, Inc. Company
10310 Norris Avenue
Pacifica, CA 91331
Ph: 818-686-0900
Fax: 818-686-0181

Pack Slip: 43362

43362

Sales Order: 25113

25113-1-1

Page: 1 of 2

Customer Packing Slip

Ship To:

ETA GLOBAL INC.
5500 WEST OAK ST
PALESTINE TX 75801
USA

Verify AES requirements prior to shipment.

Fax: 903-723-2750

Sold To:

ETA GLOBAL, INC.
PO DRAWER 259
PALESTINE TX 75802-0259
USA

Verify AES requirements prior to shipment.

Fax: 903-723-2750

Ship Date: 3/26/2013

Ship Via: UPS GRD COLLECT

F.O.B.: EX WORKS

Cust P.O.: 473234

Salesperson: ED BORREGO

PO Line	Planned Qty	Shipped Qty	Part Number Description	Rev	Lot Number
---------	-------------	-------------	-------------------------	-----	------------

UPS COLLECT # 757-517

800

800

AN924-6J
NUT

11

F00025853-20329

Sale Order / Line / Release: 25113 / 1 / 1

Customer PO Number: 473234

Certificates Required:

Standard Certification: No
Full Certifications: Yes

First Article Inspection: No
Chemical/Physical: No

Material Certificate: No
FAIR per AS9102: No

Product is compliant to DFAR 252.225-7009

200

181

4.00 AN929-5J
CAP ASSEMBLY

12

F00026019

Sale Order / Line / Release: 25113 / 2 / 1

Customer PO Number: 473234

Certificates Required:

Standard Certification: No
Full Certifications: Yes

First Article Inspection: No
Chemical/Physical: No

Material Certificate: No
FAIR per AS9102: No

Product is compliant to DFAR 252.225-7009

INSERT# F00024362-25263

NUT# F00024215-25008

200

15

4.00 AN929-5J
CAP ASSEMBLY

12

F00024852

Sale Order / Line / Release: 25113 / 2 / 1

Customer PO Number: 473234

Certificates Required:

Standard Certification: No
Full Certifications: Yes

First Article Inspection: No
Chemical/Physical: No

Material Certificate: No
FAIR per AS9102: No

Product is compliant to DFAR 252.225-7009

INSERT# F00024362-25263

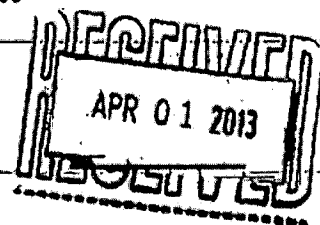
NUT# F00023326-23183

1 BOX 5 LBS 8X5X5
1 BOX 25 LBS 10X10X10



1910245619

ETA CTL# 47323403-01-01



PERMASWAGE

PERMASWAGE - Nelson Aerospace
A Designed Metal Connections, Inc. Company
10310 Norris Avenue
Pacifica, CA 91331
Ph: 818-686-0900
Fax: 818-686-0181

Pack Slip: 43362

43362

Sales Order: 25113

25113-2-1

Page: 2 of 2

**Customer
Packing Slip**

PO Line	Planned Qty	Shipped Qty	Back Order Qty	Part Number Description	Rev	Lot Number
------------	-------------	-------------	----------------	----------------------------	-----	------------



1810245619

ETA CTL#47323403-01-01

AN, MS, AS, NAS and other industry standard parts controlled by ECCN 9A991 and HTS 8803.30.00.00

Products listed have not been exposed to mercury or mercury compounds during the manufacturing process.

!! MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY PERMASWAGE - NELSON AEROSPACE SALES @ 818-686-0900 !!

WE HERBY CERTIFY THAT ALL PROVISIONS OF THE FAIR LABOR STANDARDS ACT ON 8/25/83 AS AMENDED HAVE BEEN FULLY COMPLIED WITH IN THE MANUFACTURE, PRODUCTION OR PURCHASE OF GOODS LISTED HEREON. ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE. ALL PAST DUE ACCOUNTS SHALL BEAR INTEREST AT THE RATE OF 1 1/2% PER MONTH (18% PER ANNUM).

Certification of Conformance

NELSON AEROSPACE WARRANTS THAT THE ITEMS OF THIS SHIPPER WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM, ACCOMPANYING THE ITEMS OF THIS INVOICE, ARE IN CONFORMITY WITH CONTRACT REQUIREMENTS AND SPECIFICATIONS, GOVERNMENT OR OTHERWISE. NELSON AEROSPACE DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF THE FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF NELSON AEROSPACE IS EXPRESSLY LIMITED TO REPLACEMENT OF ANY ITEM WHICH IS REJECTED BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP. SUCH REPLACEMENT SHALL CONSTITUTE SATISFACTION OF ALL LIABILITY NELSON AEROSPACE MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE OR OTHERWISE, AND IN NO EVENT SHALL NELSON AEROSPACE BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, NELSON AEROSPACE MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

Country of Origin: MADE IN THE USA

BY RECEIVING DELIVERY OF THE GOODS COVERED BY THIS PACKING SLIP, BUYER EXPRESSLY ASSENTS TO THE TERMS AND CONDITIONS SET FORTH

Manager of Quality Assurance or Designee

49-16-23-05-01-00 287

SCREW: CSK,FLT HD,MACHINE,ST 11/18/2014

10:05:49

CU10003952 DART AEROSPACE LTD

100 EA

310001561726

N

EX-

APPROVAL TYPE,STD

OUTB

ID 1000000007159919



20

Line Number

C Group- 0000719273

ECC Doc # 1000785345



STDOD

BATCH 7363797636



HU: 100001376085



CPO 26540



PNR MS24694S54=28



SHQ 100



UNT EA



INJECT

11/18/2014

CUST PO NO 0045088994 SO NO 492798
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP
 POST FALLS, ID 83854

CUST PO NO 0045088994 SO NO 492798
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP
 POST FALLS, ID 83854

CUST PO NO 0045088994 SO NO 492798
 FROM: BILD INDUSTRIES, INC. 800 CLEARWATER LOOP
 POST FALLS, ID 83854

AVIALL SERVICES, INC.
 AVIALL CENTRAL WAREHOUSE
 2750 REGENT BOULEVARD
 DFW AIRPORT TX 75261

AVIALL SERVICES, INC.
 AVIALL CENTRAL WAREHOUSE
 2750 REGENT BOULEVARD
 DFW AIRPORT TX 75261

AVIALL SERVICES, INC.
 AVIALL CENTRAL WAREHOUSE
 2750 REGENT BOULEVARD
 DFW AIRPORT TX 75261

CUSTOMER BILL TO ADDRESS

AVIALL SERVICES, INC.
 ATTN. AP DEPT.
 P.O. BOX 619048
 DALLAS TX 752619048

COMPLETE CUSTOMER PO NO.

0045088994

BILL TO NO.

SHIP TO NO.

PAGE

BUYER NAME & PHONE NO.

EDI

ASI007

PACKING SLIP

INSPECT IMMEDIATELY

LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER
1	A	18800	18800
2		1	1
3		1	1

LOT 83068/71597-5343

MS24694554

LOT

S/C MANUFACTURE CERT

LOT USA

COUNTRY OF ORIGIN

LOT

LOT

LOT

LOT

LOT

CUST. PO NO.

CUST. NO.

DESCRIPTION

CUST. PO NO.

CUST. NO.

DESCRIPTION

CUST. PO NO.

CUST. NO.

DESCRIPTION

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CUST. NO.

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DESCRIPTION

CUST. PO NO.

CUST. NO.

DESCRIPTION

CUST. PO NO.

CUST. NO.

DESCRIPTION

DATE

QUALITY CONTROL MANAGER

AUG 27 2014

CAGE CODE 31222

DATE SHIPPED

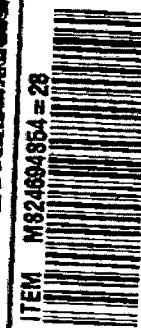
SHIPPED VIA

CV

WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE WITH AN-MS-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.

TOTAL WT NO CTNS
 P = PARTIAL
 C = COMPLETE
 CC = CONSIDER COMPLETE
 CX = CANCEL

DLOGAN
 09/09/14



SIGNATURE - MERCHANDISE RECEIVED

X

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: RIVER VALLEY TOOL & MFG, INC.

PO: 8975

PART NUMBER: MS24694-S64

REV: 2

LOT NUMBER: 71597 / 5343

MANUFACTURED QUANTITY: 60,000

MILL HEAT NUMBER: 8195022

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant


MERCURY FREE CERTIFICATION

MacFasteners certifies that the parts referenced in the above lot number do not contain Mercury or Mercury compounds, and were manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS within the United States, and were processed in accordance with all applicable drawings and specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners is an AS9100C Registered Company - SAI GLOBAL - 0058029
Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 03/11/14


QUALITY ASSURANCE REPRESENTATIVE

Mac Fasteners Inc. / River Valley Plant
260 Airport Road
P.O. Box 64
Paris, AR 72855

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURE'S AFFIDAVIT**

Customer: BILD INDUSTRIES

Certification Date: 04/08/2014

Customer PO: 83068

Part Number: MS24694S54

Revision: 2

Manufactures Lot Number: 71597/5343

Quantity: 60,000

Country of Origin: United States of America

DFARS 252.225-7014, Alternate 1 Compliant

We certify that the parts furnished against the above referenced purchase order were manufactured by River Valley Plant, within the USA, and were processed in conformance with all applicable drawings and specifications. Objective evidence of compliance is on file, subject to examination upon request.

MERCURY FREE CERTIFICATION

Mac Fasteners Inc. / River Valley Plant certifies that the parts referenced in the above lot number do not contain Mercury compounds, and were manufactured in a Mercury free environment.


Quality Assurance Representative

River Valley Plant is registered to the requirements of ISO9001:2008 and AS9100C
Approval Certificate No. 0063064. SAI GLOBAL

Revision / Approved - DRR - 06/28/2012

Material Safety Data Sheet



Date of issue 18 March 2013
Version 5

1. Product and company identification

Product name : PS 890 B 2 Part A
Code : PS 890 B 2 Part A
Supplier : PPG Aerospace PRC-DeSoto
12780 San Fernando Road
Sylmar, CA 91342
Phone: 818 362 6711
Emergency telephone number : (412) 434-4515 (U.S.)
(514) 645-1320 (Canada)
01-800-00-21-400 (Mexico)

2. Hazards identification

Emergency overview : DANGER!
OXIDIZER. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. SANDING AND GRINDING DUSTS MAY BE HARMFUL IF INHALED. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION. CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE.
Keep away from combustible material. Do not breathe vapor or mist. Do not swallow. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

Potential acute health effects

Inhalation : Harmful if inhaled. Severely irritating to the respiratory system. Can irritate eyes, nose, mouth and throat. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Ingestion : Harmful or fatal if swallowed.
Skin : Irritating to skin.
Eyes : Irritating to eyes.

Over-exposure signs/symptoms

Inhalation : Adverse symptoms may include the following:
respiratory tract irritation
coughing
Ingestion : No specific data.
Skin : Adverse symptoms may include the following:
irritation
redness
dryness
cracking
Eyes : Adverse symptoms may include the following:
pain or irritation
watering
redness
Medical conditions aggravated by over-exposure : Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

This Material Safety Data Sheet has been prepared in accordance with Canada's Workplace Hazardous Materials Information System (WHMIS) and the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See toxicological information (Section 11)

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Manganese dioxide	1313-13-9	30 - 60
Terphenyl, hydrogenated	61788-32-7	10 - 30
Zeolites	1318-02-1	5 - 10
Polyphenyls, quater- and higher, partially hydrogenated	68956-74-1	3 - 7
Talc, not containing asbestiform fibres	14807-96-6	1 - 5
carbon black respirable	1333-86-4	1 - 5
magnesium carbonate	546-93-0	1 - 5
terphenyl	26140-60-3	1 - 5
1,3-diphenylguanidine	102-06-7	0.5 - 1.5
bis(piperidinothiocarbonyl) tetrasulphide	120-54-7	0.5 - 1.5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Material Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

- | | |
|---------------------------|--|
| Eye contact | : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention. |
| Skin contact | : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. |
| Inhalation | : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. |
| Ingestion | : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting. |
| Notes to physician | : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |

5. Fire-fighting measures

- Flammability of the product** : Contact with combustible material may cause fire. This material increases the risk of fire and may aid combustion. In a fire or if heated, a pressure increase will occur and the container may burst.

Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Hazardous combustion products** : Decomposition products may include the following materials:
carbon oxides
nitrogen oxides
sulfur oxides
metal oxide/oxides
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Use spark-proof tools and explosion-proof equipment. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Do not absorb in sawdust or other combustible material. It may lead to a fire risk when it dries out. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.
- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Do not absorb in sawdust or other combustible material. It may lead to a fire risk when it dries out. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Do not breathe vapor or mist. Do not swallow. Do not get in eyes or on skin or clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from combustible material. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from reducing agents and combustible materials. See NFPA 430, Code for the Storage of Liquid and Solid Oxidizers. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Name	Result	ACGIH	OSHA	Ontario	Mexico	IPEL
Manganese dioxide	TWA STEL	0.2 mg/m ³ (as Mn) Not established	Not established 5 mg/m ³ (as Mn) C	0.2 mg/m ³ (as Mn) Not established	0.2 mg/m ³ (as Mn) Not established	Not established Not established
Terphenyl, hydrogenated	TWA	0.5 ppm	Not established	0.5 ppm	0.5 ppm	Not established
Talc, not containing asbestiform fibres	TWA	2 mg/m ³ R	20 mppcf Z	2 mg/m ³	2 mg/m ³ R	Not established
carbon black respirable	TWA	3 mg/m ³	3.5 mg/m ³	3.5 mg/m ³	3.5 mg/m ³	Not established

8 . Exposure controls/personal protection

	STEL	Not established	Not established	Not established	7 mg/m ³	Not established
magnesium carbonate	TWA	Not established	5 mg/m ³ R 15 mg/m ³ TD	10 mg/m ³	10 mg/m ³	Not established
	STEL	Not established	Not established	Not established	20 mg/m ³	Not established
terphenyl	STEL	0.53 ppm C	1 ppm C	0.53 ppm C	0.5 ppm C	Not established

Key to abbreviations

A = Acceptable Maximum Peak
 ACGIH = American Conference of Governmental Industrial Hygienists.
 C = Ceiling Limit
 F = Fume
 IPEL = Internal Permissible Exposure Limit
 OSHA = Occupational Safety and Health Administration.
 R = Respirable
 Z = OSHA 29CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances

S = Potential skin absorption
 SR = Respiratory sensitization
 SS = Skin sensitization
 STEL = Short term Exposure limit values
 TD = Total dust
 TLV = Threshold Limit Value
 TWA = Time Weighted Average

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Engineering measures : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

Eyes : Safety glasses with side shields.

Hands : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Respiratory : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Skin : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9 . Physical and chemical properties

Physical state	: Liquid.
Flash point	: Closed cup: Not applicable.
Material supports combustion.	: Yes.
Color	: Black.
Odor	: Not available.
pH	: Not available.
Boiling/condensation point	: >37.78°C (>100°F)
Melting/freezing point	: Not available.
Specific gravity	: 1.88
Density (lbs / gal)	: 15.69
Vapor pressure	: Not available.
Vapor density	: Not available.
Evaporation rate	: Not available.
VOC	: Not available.
Partition coefficient: n-octanol/water	: Not available.
% Solid. (w/w)	: 100

10 . Stability and reactivity

Stability	: The product may not be stable under certain conditions of storage or use.
Conditions to avoid	: Drying on clothing or other combustible materials may cause fire. Avoid increased storage temperature. Pressure hazard
Materials to avoid	: Reactive or incompatible with the following materials: combustible materials, organic materials, metals, acids, alkalis, oxidizing materials, reducing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization	: Under normal conditions of storage and use, hazardous polymerization will not occur.

11 . Toxicological information

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
manganese dioxide	LD50 Oral	Rat	3478 mg/kg	-
Terphenyl, hydrogenated	LD50 Oral	Rat	>10000 mg/kg	-
Zeolites	LD50 Oral	Rat	>5 g/kg	-
carbon black respirable	LD50 Oral	Rat	>15400 mg/kg	-
	LD50 Dermal	Rabbit	>3 g/kg	-
magnesium carbonate	LD50 Oral	Rat	8000 mg/kg	-
terphenyl	LD50 Oral	Rat	1400 mg/kg	-
1,3-diphenylguanidine	LD50 Oral	Rat	323 mg/kg	-

Conclusion/Summary : Not available.

Chronic toxicity

Conclusion/Summary : Not available.

Defatting Irritant

: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

Target organs

: Contains material which causes damage to the following organs: lungs, skin, central nervous system (CNS).
Contains material which may cause damage to the following organs: blood, kidneys, the nervous system, liver, cardiovascular system, upper respiratory tract, eye, lens or cornea.

11. Toxicological information

Carcinogenicity

Carcinogenicity : Contains material which may cause cancer, based on animal data. Risk of cancer depends on duration and level of exposure.

Classification

Product/ingredient name	ACGIH	IARC	NTP	OSHA
Zeolites carbon black respirable	- A3	3 2B	- -	- -

Carcinogen Classification code:

ACGIH: A1, A2, A3, A4, A5

IARC: 1, 2A, 2B, 3, 4

NTP: Proven, Possible

OSHA: +

Not listed or regulated as a carcinogen: -

Fertility effects : Contains material which may impair male fertility, based on animal data.

12. Ecological information

Environmental effects : No known significant effects or critical hazards.

13. Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

14. Transport information

Regulation	UN number	Proper shipping name	Classes	PG*	Additional information
UN	None.	Not regulated.	None.	-	-
IMDG	None.	Not regulated.	None.	-	-
DOT	None.	Not regulated.	None.	-	☑

PG*: Packing group

Reportable quantity RQ : ☑ERCLA: Hazardous substances.: sodium hydroxide: 1000 lbs. (454 kg); manganese dioxide;

15. Regulatory information

United States inventory (TSCA 8b) : All components are listed or exempted.

Australia inventory (AICS) : All components are listed or exempted.

Canada inventory (DSL) : All components are listed or exempted.

China inventory (IECSC) : All components are listed or exempted.

Europe inventory (REACH) : Please contact your supplier for information on the inventory status of this material.

Japan inventory (ENCS) : ☑All components are listed or exempted.

Product code **PS 890 B 2 Part A**Date of issue **18 March 2013**Version **5**Product name **PS 890 B 2 Part A**

15. Regulatory information

Korea inventory (KECI) : All components are listed or exempted.

New Zealand (NZIoC) : Substance Use Restricted

Philippines inventory (PICCS) : All components are listed or exempted.

United States

SARA 302/304: ethylene oxide; Formaldehyde

ERCLA: Hazardous substances.: sodium hydroxide: 1000 lbs. (454 kg); manganese dioxide;

SARA 311/312 SDS Distribution - Chemical Inventory - Hazard Identification:

Chemical name	CAS #	Acute	Chronic	Fire	Reactive	Pressure
Manganese dioxide	1313-13-9	Y	Y	N	Y	N
Terphenyl, hydrogenated	61788-32-7	N	N	N	N	N
Zeolites	1318-02-1	Y	N	N	N	N
Polyphenyls, quater- and higher, partially hydrogenated	68956-74-1	N	N	N	N	N
Talc, not containing asbestiform fibres	14807-96-6	Y	N	N	N	N
carbon black respirable	1333-86-4	N	Y	N	N	N
magnesium carbonate	546-93-0	N	N	N	N	N
terphenyl	26140-60-3	N	N	N	N	N
1,3-diphenylguanidine	102-06-7	Y	Y	N	N	N
bis(piperidinothiocarbonyl) tetrasulphide	120-54-7	Y	N	N	N	N
Product as-supplied :		Y	Y	N	Y	N

SARA 313

Supplier notification

Chemical name

Manganese dioxide

CAS number

1313-13-9

Concentration

30 - 60

Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

Canada

WHMIS (Canada) : Class C: Oxidizing material. Class D-1B: Material causing immediate and serious toxic effects (Toxic). Class D-2A: Material causing other toxic effects (Very toxic). Class D-2B: Material causing other toxic effects (Toxic).

Mexico

Classification

Flammability : 0 Health : 3 Reactivity : 1

16. Other information

Hazardous Material Information System (U.S.A.)

Health : 3 * Flammability : 0 Physical hazards : 1

(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)

Health : 3 Flammability : 0 Instability : 1

Date of previous issue : 8/25/2012.

Product code PS 890 B 2 Part A

Date of issue 18 March 2013

Version 5

Product name PS 890 B 2 Part A

16 . Other information

Organization that prepared : EHS
the MSDS

☑ Indicates information that has changed from previously issued version.

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.

Material Safety Data Sheet



Date of issue 10 March 2013
Version 6

1. Product and company identification

Product name : PS 890 B 2 Part B
Code : PS 890 B 2 Part B
Supplier : PPG Aerospace PRC-DeSoto
12780 San Fernando Road
Sylmar, CA 91342
Phone: 818 362 6711
Emergency telephone number : (412) 434-4515 (U.S.)
(514) 645-1320 (Canada)
01-800-00-21-400 (Mexico)

2. Hazards identification

Emergency overview : DANGER!
CAUSES RESPIRATORY TRACT AND EYE IRRITATION. MAY BE HARMFUL IF INHALED OR SWALLOWED. ASPIRATION HAZARD. CAN ENTER LUNGS AND CAUSE DAMAGE. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION. CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE.

Do not swallow. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

Potential acute health effects

Inhalation : May be harmful if inhaled. Irritating to respiratory system. Can irritate eyes, nose, mouth and throat.
Ingestion : May be harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.
Skin : Moderately irritating to the skin.
Eyes : Irritating to eyes.

Over-exposure signs/symptoms

Inhalation : Adverse symptoms may include the following:
respiratory tract irritation
coughing
Ingestion : Adverse symptoms may include the following:
nausea or vomiting
Skin : Adverse symptoms may include the following:
irritation
redness
dryness
cracking
Eyes : Adverse symptoms may include the following:
pain or irritation
watering
redness
Medical conditions aggravated by over-exposure : Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

This Material Safety Data Sheet has been prepared in accordance with Canada's Workplace Hazardous Materials Information System (WHMIS) and the OSHA Hazard Communication Standard (29 CFR 1910.1200).
See toxicological information (Section 11)

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
calcium carbonate	471-34-1	15 - 40
proprietary modified polysulfide polymer	Not available.	3 - 7
toluene	108-88-3	1 - 5
titanium dioxide	13463-67-7	1 - 5
proprietary modified polysulfide polymer	Not available.	1 - 5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Material Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.
- Notes to physician** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

Flammability of the product : No specific fire or explosion hazard.

Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Hazardous combustion products** : Decomposition products may include the following materials:
carbon oxides
halogenated compounds
metal oxide/oxides
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6. Accidental release measures

- Large spill** : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.
- Small spill** : Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Do not swallow. Do not get in eyes or on skin or clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Name	Result	ACGIH	OSHA	Ontario	Mexico	IPEL
calcium carbonate	TWA	10 MG/M3 TD 3 MG/M3 R	5 mg/m ³ R 15 mg/m ³ TD 5 mg/m ³ R 15 mg/m ³	Not established	Not established	Not established
toluene	TWA	20 ppm	200 ppm Z	20 ppm	50 ppm S	Not established
	STEL	Not established	500 ppm Z A 300 ppm Z C	Not established	Not established	Not established
titanium dioxide	TWA	10 mg/m ³	15 mg/m ³ TD	10 mg/m ³ TD	10 mg/m ³ (as Ti)	Not established
	STEL	Not established	Not established	Not established	20 mg/m ³ (as Ti)	Not established

Key to abbreviations

- A = Acceptable Maximum Peak
 ACGIH = American Conference of Governmental Industrial Hygienists.
 C = Ceiling Limit
 F = Fume
 IPEL = Internal Permissible Exposure Limit
 OSHA = Occupational Safety and Health Administration.
 R = Respirable
 Z = OSHA 29CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances

- S = Potential skin absorption
 SR = Respiratory sensitization
 SS = Skin sensitization
 STEL = Short term Exposure limit values
 TD = Total dust
 TLV = Threshold Limit Value
 TWA = Time Weighted Average

Consult local authorities for acceptable exposure limits.

8 . Exposure controls/personal protection

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
- Engineering measures** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Personal protection**
- Eyes** : Safety glasses with side shields.
- Hands** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Respiratory** : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9 . Physical and chemical properties

- Physical state** : Solid.
- Flash point** : Closed cup: 67.22°C (153°F)
- Explosion limits** : Lower: 1%
- Material supports combustion.** : Yes.
- Color** : White.
- Odor** : Not available.
- pH** : Not available.
- Boiling/condensation point** : Not available.
- Melting/freezing point** : Not available.
- Specific gravity** : 1.5
- Density (lbs / gal)** : 12.52
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Evaporation rate** : Not available.
- VOC** : 57 g/l
- Partition coefficient: n-octanol/water** : Not available.

9 . Physical and chemical properties

10 . Stability and reactivity

- Stability** : Stable under recommended storage and handling conditions (see Section 7).
Conditions to avoid : No specific data.
Materials to avoid : Reactive or incompatible with the following materials: acids, oxidizing materials, strong alkalis
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization : Under normal conditions of storage and use, hazardous polymerization will not occur.

11 . Toxicological information

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
calcium carbonate	LD50 Oral	Rat	6450 mg/kg	-
toluene	LD50 Oral	Rat	636 mg/kg	-
	LD50 Dermal	Rabbit	8.39 g/kg	-
	LC50 Inhalation	Rat	49 g/m3	4 hours
titanium dioxide	LD50 Oral	Rat	>10 g/kg	-

Conclusion/Summary : Not available.

Chronic toxicity

Conclusion/Summary : Not available.

Defatting irritant

: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

Target organs

: Contains material which causes damage to the following organs: brain.
Contains material which may cause damage to the following organs: blood, kidneys, lungs, the reproductive system, liver, heart, gastrointestinal tract, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

Carcinogenicity

Carcinogenicity : Contains material which may cause cancer, based on animal data. Risk of cancer depends on duration and level of exposure.

Classification

Product/ingredient name	ACGIH	IARC	NTP	OSHA
toluene	A4	3	-	-
titanium dioxide	A4	2B	-	-

Carcinogen Classification code:
ACGIH: A1, A2, A3, A4, A5
IARC: 1, 2A, 2B, 3, 4
NTP: Proven, Possible
OSHA: +
Not listed or regulated as a carcinogen: -

Developmental effects : Contains material which may cause developmental abnormalities, based on animal data.

Fertility effects : Contains material which may impair female fertility, based on animal data.

12 . Ecological information

Environmental effects : No known significant effects or critical hazards.

Aquatic ecotoxicity

12 . Ecological information

Product/ingredient name	Result	Species	Exposure
toluene	Acute LC50 5800 ug/L Fresh water	Fish - Rainbow trout,donaldson trout - <i>Oncorhynchus mykiss</i>	96 hours
	Acute EC50 6000 ug/L Fresh water	Daphnia - Water flea - <i>Daphnia magna</i>	48 hours
	Chronic NOEC 28000 ug/L Fresh water	Daphnia - Water flea - <i>Daphnia magna</i>	48 hours

13 . Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

14 . Transport information

Regulation	UN number	Proper shipping name	Classes	PG*	Additional information
UN	None.	Not regulated.	None.	-	-
IMDG	None.	Not regulated.	None.	-	-
DOT	None.	Not regulated.	None.	-	<u>Reportable quantity</u> 4409.6 lbs / 2001.9 kg Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

PG*: Packing group

Reportable quantity RQ : CERCLA: Hazardous substances.: thiram (ISO): 10 lbs. (4.54 kg); toluene: 1000 lbs. (454 kg);

15 . Regulatory information

United States inventory (TSCA 8b) : Not determined.

Australia inventory (AICS) : Not determined.

Canada inventory (DSL) : Not determined.

China inventory (IECSC) : ~~At~~ least one component is not listed.

Europe inventory (REACH) : Please contact your supplier for information on the inventory status of this material.

Japan inventory (ENCS) : Not determined.

Korea inventory (KECI) : Not determined.

Product code **PS 890 B 2 Part B**Date of issue **10 March 2013** Version **6**Product name **PS 890 B 2 Part B**

15. Regulatory information

New Zealand (NZIoC) : Substance Use Restricted

Philippines Inventory (PICCS) : Not determined.

United States

☒ SARA 302/304: No products were found.

CERCLA: Hazardous substances.: thiram (ISO): 10 lbs. (4.54 kg); toluene: 1000 lbs. (454 kg);

SARA 311/312 SDS Distribution - Chemical Inventory - Hazard Identification:

<u>Chemical name</u>	<u>CAS #</u>	<u>Acute</u>	<u>Chronic</u>	<u>Fire</u>	<u>Reactive</u>	<u>Pressure</u>
calcium carbonate	471-34-1	N	N	N	N	N
proprietary modified polysulfide polymer	Not available.	Y	N	N	N	N
toluene	108-88-3	Y	Y	Y	N	N
titanium dioxide	13463-67-7	N	Y	N	N	N
proprietary modified polysulfide polymer	Not available.	Y	N	N	N	N
Product as-supplied :		Y	Y	N	N	N

<u>SARA 313</u>	<u>Chemical name</u>	<u>CAS number</u>	<u>Concentration</u>
Supplier notification	toluene	108-88-3	1 - 5

Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada

WHMIS (Canada) : Class D-2A: Material causing other toxic effects (Very toxic). Class D-2B: Material causing other toxic effects (Toxic).

Mexico

Classification

Flammability : 2 Health : 2 Reactivity : 0

16. Other information

Hazardous Material Information System (U.S.A.)

Health : 2 * Flammability : 2 Physical hazards : 0

(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)

Health : 2 Flammability : 2 Instability : 0

Date of previous issue : 10/1/2012.

Organization that prepared : EHS
the MSDS☒ Indicates information that has changed from previously issued version.

Disclaimer

Product code **PS 890 B 2 Part B**

Date of issue **10 March 2013**

Version **6**

Product name **PS 890 B 2 Part B**

16 . Other information

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.



PPG Aerospace
PRC-DeSoto

PRC-DeSoto International, Inc.
ASC - Dallas
2750 114th Street, Suite 400
Grand Prairie, TX 75050 USA
Telephone (817) 640-1067
Fax (817) 640-1058

Pick Ticket Number 53019130

PACKING LIST

Order No. Order Date Cust. No. Cust. P.O.
S904272 11/26/13 DA090713 2237615

Page No.

DA503

DS-PO#:

1

Ship Via/Terms

Ship Date/Frt. Code

Shipping Instructions

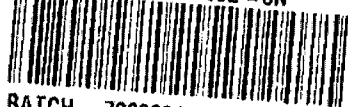
Warehouse Location

net30
SFR BRLOW

SPEC-AVIAL/ROJEAN 972-586-1314

KNL 3723US
PRC DESOTO I

ITEM PS890B2-60Z=5N



BATCH 7363694711



MEBONG
05/01/14

Ship
To

00030970
AVIAL CENTRAL WAREHOUSE

2750 REGENT BOULEVARD
DFW AIRPORT, TX 75261
UNITED STATES

Quantity Ordered	Request Date	Item No./Description	Pick Sequence	U O M	Quantity To Ship	Quantity Picked
NEVER ADD FRT TO INVOICE, MUST SHIP COLLECT						
FEDEX GROUND COLLECT ACCT #075288572						
IF 150 LBS OR MORE USE CEVA LOGISTICS (AVIA27752A) COLLECT						
DO NOT SHIP PARTIAL LINES! *** MSDS REQUIRED WITH EACH SHIPMENT ***						
MUST HAVE 75% SHELF LIFE.						

840 D-04/29/14 0890B002CA654SKAV

R-04/29/14 PRC STANDARD

P-04/29/14 PS 890 B 2 654SK

Customer Item: PS890B2-60Z=5N

Lot No: 349565-04

*Location: AV-05

Expires After: 01/15

1 EA

840

840

In compliance with the chemical registration laws of UNITED STATE

019018

DATE SHIPPED		
# OF BOXES	QTY PER BOX	TOTAL SHIPPED
PACKED BY		VERIFIED BY

Batch #: Shelf Life: Freight Misc. Charges

Date Mfg: Exp. Date:

Storage Requirements:

AVIAL - TRUE CERTIFIED COPY - 11/18/2014 - KLAMPKIN - 7363694711



PPG Aerospace
PRC-DeSoto

PRC-DeSoto International, Inc.
ASC - Dallas
2750 114th Street, Suite 400
Grand Prairie, TX 75050 USA
Telephone (817) 840-1067
Fax (817) 640-1058

Pick Ticket Number 53019130 CERTIFICATE OF CONFORMANCE

Order No. Order Date Cust. No. Cust. P.O. Page No.
S904272 11/26/13 DA090713 2237615

DA503

DS-PO#:

1

We certify that this material has been manufactured and tested in accordance with applicable specification(s). Test data pertaining to this material is on file and available for inspection upon request.

Quality Control

Sold To

AVIALL SERVICES, INC.
P.O. BOX 619048
DALLAS, TX 75261-9048
UNITED STATES

Ship To

2750 REGENT BOULEVARD
DFW AIRPORT, TX 75261
UNITED STATES

Quantity Ordered	Request Date	Item No./Description	Pick Sequence	UOM	Quantity To Ship	Quantity Picked
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NEVER ADD FRT TO INVOICE, MUST SHIP COLLECT
FEDEX GROUND COLLECT ACCT #075288572
IF 150 LBS OR MORE USE CEVA LOGISTICS (AVIAZ0752A) COLLECT
DO NOT SHIP PARTIAL LINES! *** MSDS REQUIRED WITH EACH SHIPMENT ***
MUST HAVE 75% SHELF LIFE.

840 D-04/29/14 0890B002CA654SKAV
R-04/29/14 PRC STANDARD
P-04/29/14 PS 890 B 2 85489
Customer Item: PS890B2-60Z=5N

Lot No: 349565-02
*Location: AV-02
Expires After: 01/15

840

840

In compliance with the chemical registration laws of UNITED STATE

019018

DATE SHIPPED		
# OF BOXES	QTY PER BOX	TOTAL SHIPPED
840	1	840
PACKED BY		VERIFIED BY
[Signature]		[Signature]

atch #: Shelf Life:
ate Mfg: Exp. Date:

Freight

Misc. Charges

Storage Requirements:

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